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Amendments to the Specification

On pages 6 and 7, please replace the paragraph which bridges these two pages as follows:

-- It is an object of the invention to provide a sonic- or ultrasonic flowmeter, suitable for replacement of differential flowmeters. Differential pressure flowmeters used in industry comprise a differential pressure transducer 1. Fig. 1 shows an example for differential pressure transducer 1. It comprises of a differential pressure sensor, which is enclosed in a sensor block 3 and a transmitter electronic electronics, which is enclosed in a housing 5. The housing 5 is mounted on the sensor block 3. The sensor block 3 is shown in more detail in Fig. 2. The differential pressure sensor is enclosed between two side flanges 7 of rectangular cross-section, which are bolted together. Each side flange 7 has two oval flanges 9, which are located on two opposing narrow sternfaces of the respective side flanges 7. Each oval flange 9 comprises a pair of two threaded bores 11 for mounting the differential pressure transducer 1 on a measurement site. A pressure inlet port 13 is foreseen included between the threaded bores 11 of each pair. The position of the threaded bores 11 and the pressure inlet ports 13 complies comply with an industry standard. The bores 11 form a rectangle with standardized side length. --.

Page 8, replace the third full paragraph with the following:

-- Fig. 4 shows a first embodiment of a sonic- or ultrasonic flowmeter, for replacement of a differential pressure flowmeter, according to the invention. It comprises a pipe segment 27, to be connected to a first pipe 17 and a second pipe 19. The pipe segment 27 and, the first pipe 17, and the second pipe 19 have a diameter D, which complies to an industry standard for pipe diameters used in

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differential pressure flow measurement, for example a diameter D of 15 mm, 100mm or 150 mm. --.

Page 9, replace the third paragraph with the following:

-- In the embodiment shown, both sonic- or ultrasonic transducers 35 act as transmitter transmitters and receiver receivers for ultrasonic signals 39. In operation, each sonic- or ultrasonic transducer 35 transmits a sonic- or ultrasonic signal 39, for example a short sonic- or ultrasonic pulse or beam through across the pipe segment 27. The signal 9 39 is received by the opposing sonic- or ultrasonic transducer 35. --.